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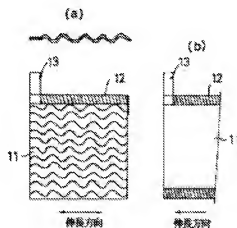
(54) COATED ELECTRODE FOR BATTERY, AND ITS MANUFACTURE

(57)Abstract:

PURPOSE: To improve the durability, productivity, and mass productivity of a battery by forming an electrode supporter in a wave shape with burrs around the hole bored from both sides of a metallic plate or foil, and providing a nonbored area or a pressed bored area for collection of electricity at the periphery.

CONSTITUTION: When metallic plates or metallic foils are put and pressed between upper molds with tips in the shape of head-cut cones and lower molds provided, at the sections corresponding to them, with recesses, arranged alternately in vertical direction, the corresponding sections are bored while being drawn and corrugated, thus a metallic porous substance 11 is obtained. A nonbored area or a pressed bored area 12

for collection of electricity where a lead part 13 is to be attached is provided in parallel with the direction of the corrugation of the porous substance 11, thus the elongation in the direction of corrugation is suppressed. Accordingly, the phenomena of the coats of active material or hydrogen storage alloy powder made at both sides of the porous substance 11 being



exfoliated is suppressed, and also the electron conductivity in the thickness direction of the electrode improves. Moreover, the elongation of the electrode does not occur during processing or carriage, and defective products are suppressed, whereby this can be manufactured efficiently.